

acids 32 to 194 of Figure 7 or comprises a segment of said polypeptide, wherein said polypeptide and segment thereof has mitogenic activity on BALB/MK cells.

329. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide, wherein said polypeptide comprises the amino acids 32-194 of Figure 7 or comprises a segment of said polypeptide which is that part of the amino acid sequence of Figure 7 that remains after the amino acid sequence of Figure 7 is truncated from an N terminus to C terminus direction, within the region of amino acids 32-78.

333. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide, wherein said polypeptide comprises amino acids 32-194 of Figure 7 or comprises a segment of said polypeptide which is that part of the amino acid sequence of Figure 7 that remains after the amino acid sequence of Figure 7 is truncated from the C terminus toward the N terminus, within the region of amino acids 194 to 189.

335. (Amended) The pharmaceutical composition of claim 333, wherein said polypeptide or segment thereof has mitogenic activity on BALB/MK keratinocyte cells

337. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide, wherein said polypeptide comprises amino acids 32-194 of Figure 7 or comprises a segment of said polypeptide which is that part of the amino acid sequence of Figure 7 that remains after the amino acid sequence of Figure 7 is truncated from an N terminus to C terminus direction, within the region of amino acids 32-78 and is truncated from the C terminus toward the N terminus, within the region of amino acids 194 to 189.

341. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide, wherein said polypeptide comprises amino acids 32-194 of Figure 7.

343. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide prepared by expressing in a host cell a DNA encoding an amino acid sequence comprising amino acids 32-194 of Figure 7 or encoding an amino acid sequence which is a segment of amino acids 32-194 of Figure 7, wherein the segment is that part of the amino acid sequence of Figure 7 that remains after the amino acid sequence of Figure 7 is truncated from an N terminus to C terminus direction, within the region of amino acids 32-78.

347. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide, wherein said polypeptide comprises amino acids 32 to 194 of Figure 7 or comprises a segment of said polypeptide, and wherein said polypeptide and segment thereof has mitogenic activity on epithelial cells.

353. (Amended) The pharmaceutical composition of claim 347, wherein an amount of said polypeptide or segment thereof, that stimulates maximal thymidine incorporation in BALB/MK keratinocyte cells, stimulates less than 1/50'th of the maximal thymidine incorporation in NIH/3T3 cells stimulated by aFGF or bFGF.

354. (Amended) The pharmaceutical composition of claim 347, wherein an amount of said polypeptide or segment thereof that stimulates maximal thymidine incorporation in BALB/MK keratinocyte cells, stimulates less than 1/10th of the maximal thymidine incorporation in NIH/3T3 fibroblasts stimulated by EGF or TGF-alpha.

356. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide comprising a segment of amino acids 32-94 of Figure 7, wherein said polypeptide and segment thereof has mitogenic activity on epithelial cells and wherein said polypeptide is unglycosylated.

357. (Amended) A pharmaceutical composition comprising a carrier and an isolated keratinocyte growth factor (KGF) polypeptide comprising a segment of amino acids 32-194 of Figure 7, wherein the segment is that part of the amino acid sequence of Figure 7 that remains after the amino acid sequence of Figure 7 is truncated from an N terminus to C terminus